# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 24 | ("2592130" \| "3595506" \| "3890680" \| "3999583" \| "4074491").PN. OR ("4286642"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/28 20:54 |
| L2 | 8 | ("4100368").URPN. | USPAT | OR | OFF | 2006/08/28 20:59 |
| L3 | 34 | ("1042747" \| "1932456" \| "2592130" \| "2682570" \| "2868868" \| "3016562" \| "3056852" \| "3076668" \| "3091795" \| "3493205" \| "3678535" \| "3725973" \| "3843833" \| "4033535" \| "4089496" \| "4100368" \| "4163136" \| "4304148" \| "4385777" \| "4656689").PN. OR ("4869454"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/28 21:00 |
| L4 | 33 | ("2663895" \| "3518359" \| "3894782" \| "4137602" \| "4517408").PN. OR ("4656689"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/28 21:09 |
| L5 | 34 | ("1042747" \| "1932456" \| "2592130" \| "2682570" \| "2868868" \| "3016562" \| "3056852" \| "3076668" \| "3091795" \| "3493205" \| "3678535" \| "3725973" \| "3843833" \| "4033535" \| "4089496" \| "4100368" \| "4163136" \| "4304148" \| "4385777" \| "4656689").PN. OR ("4869454"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/28 21:13 |
| L6 | 25 | (US-4286642-$ or US-4376605-$ or US-4761860-$ or US-RE22926-$ or US-6206606-$ or US-3595506-$ or US-3588792-$ or US-3144695-$ or US-5599148-$ or US-4100368-$ or US-5820322-$ or US-5893694-$ or US-4955772-$ or US-6152412-$ or US-6287064-$ or US-6450747-$ or US-5713707-$ or US-3704739-$ or US-5320461-$ or US-6336779-$ or US-4218954-$ or US-6220806-$ or US-5145273-$ or US-3122386-$ or US-5779411-$).did. | USPAT | OR | OFF | 2006/08/28 21:58 |

| L7 | 89 | (US-4286642-$ or US-4376605-$ or US-4761860-$ or US-RE22926-$ or US-6206606-$ or US-3595506-$ or US-3588792-$ or US-3144695-$ or US-5599148-$ or US-4100368-$ or US-5820322-$ or US-5893694-$ or US-4955772-$ or US-6152412-$ or US-6287064-$ or US-6450747-$ or US-5713707-$ or US-3704739-$ or US-5320461-$ or US-6336779-$ or US-4218954-$ or US-6220806-$ or US-5145273-$ or US-3122386-$ or US-5779411-$ or US-3890680-$). did. or (US-3141489-$ or US-6971830-$ or US-6123492-$ or US-5961264-$ or US-3145753-$ or US-2995328-$ or US-2258342-$ or US-6412153-$ or US-3561074-$ or US-3210820-$ or US-2610879-$ or US-2529420-$ or US-2062057-$ or US-0433696-$ or US-6299039-$ or US-5226809-$ or US-5103538-$ or US-6044528-$ or US-D386068-$ or US-5653564-$ or US-5241846-$ or US-4757662-$ or US-4136598-$ or US-3416200-$ or US-5042113-$ or US-4962573-$ or US-4859977-$). did. or (US-4793641-$ or US-4512093-$ or US-4407413-$ or US-4074491-$ or US-3999583-$ or US-3929265-$ or US-3729780-$ or US-3718355-$ or US-3712655-$ or US-3708835-$ or US-3597803-$ or US-2895199-$ or US-1325577-$ or US-6381806-$ or US-6264413-$ or US-6012889-$ or US-5879117-$ or US-5651651-$ or US-5407310-$ or US-4878792-$ or US-4035874-$ or US-3147824-$ or US-D443488-$ or US-6978522-$ or US-7036875-$ or US-6824203-$ or US-6542372-$). did. or (US-4869454-$ or US-5596177-$ or US-5295652-$ or US-5031268-$ or US-4656689-$ or US-4304148-$ or US-3091795-$ or US-5056801-$).did. or (US-2592130-$).did. | USPAT; USOCR | OR | OFF | 2006/08/28 21:58 |
|---|---|---|---|---|---|---|
| L8 | 63 | L7 not L6 | US-PGPUB; USPAT | OR | OFF | 2006/08/28 21:59 |
| S1 | 89 | (411/175).CCLS. | US-PGPUB; USPAT | OR | OFF | 2004/12/15 16:05 |

# EAST Search History

| | | | | | | |
|---|---|---|---|---|---|---|
| S2 | 25 | ("0312402" \| "0794636" \| "0796650" \| "2552805" \| "2560961" \| "2668340" \| "2936015" \| "3352195" \| "3553796" \| "3701605" \| "3890680" \| "4286642" \| "4352589" \| "4376605" \| "4996752").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/12/16 08:21 |
| S3 | 3 | ("5599148").URPN. | USPAT | OR | OFF | 2004/12/16 08:27 |
| S4 | 11 | (("3929054") or ("4907924") or ("0897168") or ("4083393") or ("3273443") or ("5409338") or ("2285080") or ("5921734") or ("5902085") or ("4728703") or ("5626449")).PN. | US-PGPUB; USPAT | OR | OFF | 2004/12/16 10:09 |
| S5 | 58 | ("0726378" \| "1031410" \| "2258342" \| "2274014" \| "2394729" \| "2552499" \| "2716434" \| "3033624" \| "3096678" \| "3099057" \| "3118644" \| "3193335" \| "3247752" \| "3361459" \| "3385158" \| "3438686" \| "3768115" \| "3829184" \| "3999583" \| "4074491" \| "4100368" \| "4219064" \| "4286642" \| "4363580" \| "4376605" \| "4445594" \| "4621961" \| "4676706" \| "4761860" \| "4890966" \| "4897005" \| "4924533" \| "4975008" \| "5018920" \| "5039264" \| "5092550" \| "5106225" \| "5599148" \| "5713707" \| "5735021").PN. OR ("6287064"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/08/23 08:59 |
| S6 | 58 | ("0726378" \| "1031410" \| "2258342" \| "2274014" \| "2394729" \| "2552499" \| "2716434" \| "3033624" \| "3096678" \| "3099057" \| "3118644" \| "3193335" \| "3247752" \| "3361459" \| "3385158" \| "3438686" \| "3768115" \| "3829184" \| "3999583" \| "4074491" \| "4100368" \| "4219064" \| "4286642" \| "4363580" \| "4376605" \| "4445594" \| "4621961" \| "4676706" \| "4761860" \| "4890966" \| "4897005" \| "4924533" \| "4975008" \| "5018920" \| "5039264" \| "5092550" \| "5106225" \| "5599148" \| "5713707" \| "5735021").PN. OR ("6287064"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/08/23 09:36 |

# EAST Search History

| S7 | 10 | (("4376605") or ("4100368") or ("3704739") or ("3595506") or ("5145273") or ("6220806") or ("3588792") or ("6206606") or ("5320461") or ("5779411")).PN. | US-PGPUB; USPAT | OR | OFF | 2005/08/23 10:19 |
|---|---|---|---|---|---|---|
| S8 | 28337 | Kent Kallsen | US-PGPUB; USPAT | OR | OFF | 2005/08/23 10:27 |
| S9 | 0 | Kent adj Kallsen | US-PGPUB; USPAT | OR | OFF | 2005/08/23 10:27 |
| S10 | 29 | Kallsen | US-PGPUB; USPAT | OR | OFF | 2005/08/23 10:27 |
| S11 | 20 | ("2936015" \| "3115804" \| "3122386" \| "3141489" \| "3144695" \| "4218954" \| "4286642" \| "4376605" \| "4821381" \| "5106225" \| "5269640" \| "5536125" \| "5537714").PN. OR ("5779411"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/08/23 10:39 |
| S12 | 20 | ("2936015" \| "3115804" \| "3122386" \| "3141489" \| "3144695" \| "4218954" \| "4286642" \| "4376605" \| "4821381" \| "5106225" \| "5269640" \| "5536125" \| "5537714").PN. OR ("5779411"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/28 14:09 |
| S13 | 8 | ("3890680" \| "4100368" \| "4286642").PN. OR ("4376605"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/28 14:09 |

| S14 | 468 | ("0295593" \| "0312402" \| "0433696" \| "0491019" \| "0612848" \| "0697344" \| "0726378" \| "0794636" \| "0796650" \| "1031410" \| "1162543" \| "1227310" \| "1581416" \| "1806176" \| "1872014" \| "2062057" \| "2111267" \| "2132950" \| "2144350" \| "2144553" \| "2154012" \| "2174521" \| "2252904" \| "2258342" \| "2274014" \| "2278790" \| "2338659" \| "2347044" \| "2394729" \| "2445481" \| "2503854" \| "2529420" \| "2552499" \| "2552805" \| "2558720" \| "2560961" \| "2592130" \| "2610879" \| "2614729" \| "2631634" \| "2649126" \| "2668340" \| "2695046" \| "2706114" \| "2716434" \| "2717622" \| "2738185" \| "2763031" \| "2797605" \| "2887926" \| "2896889" \| "2936015" \| "2937834" \| "2995328" \| "3022848" \| "3033624" \| "3056852" \| "3068924" \| "3096678" \| "3099057" \| "3115804" \| "3118644" \| "3122386" \| "3123880" \| "3141489" \| "3144695" \| "3145753" \| "3169004" \| "3192823" \| "3193335" \| "3210820" \| "3217772" \| "3229743" \| "3247752" \| "3251260" \| "3272061" \| "3290109" \| "3309748" \| "3352195" \| "3361459" \| "3366356" \| "3373789" \| "3376612" \| "3385158" \| "3426818" \| "3438686" \| "3465992" \| "3494246" \| "3505761" \| "3510823" \| "3516631" \| "3542321" \| "3553796" \| "3561074" \| "3595506" \| "3606433" \| "3648559" \| "3672738" \| "3677250" \| "3678798" \| "3701605" \| "3739684" \| "3758060" \| "3768115" \| "3829184" \| "3890680" \| "3999583" \| "4015650" \| "4030741" \| "4033535" \| "4052099" \| "4074491" \| "4100368" \| "4108507" \| "4153228" \| "4218954" \| "4219064" \| "4243086" \| "4250596" \| "4286642" \| "4334814" \| "4352589" \| "4360177" \| "4363580" \| "4376605").PN. OR ("4378617" \| "4408939" \| "4442994" \| "4445255" \| "4445594" \| "4488206" \| "4508477" \| "4533102" \| "4575295" \| "4576664" \| "4621860" \| "4621961" \| "4627657" \| "4643610" \| "4674931" \| "4676706" \| "4684305" \| "4714392" \| "4725177" \| "4728236" \| "4729706" \| | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/28 14:47 |

| S15 | 1314 | (411/112/173,174,508-510,913). CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/08/28 14:47 |
|-----|------|----------------------------------------|-----------------|----|----|-----------------|
| S16 | 1526 | (411/112,173,174,508-510,913). CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/08/28 14:47 |
| S17 | 77 | S14 and S16 | US-PGPUB; USPAT | OR | OFF | 2006/08/28 14:48 |
| S18 | 21 | ("3022848" \| "3516631" \| "3542321" \| "3606433" \| "3677250" \| "4052099" \| "4250596" \| "4488206" \| "4576664" \| "4621860" \| "4627657" \| "4750697" \| "4797983" \| "4952006" \| "5082321").PN. OR ("5320461"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/28 15:02 |
| S19 | 23 | ("0433696" \| "1872014" \| "2062057" \| "2111267" \| "2529420" \| "2610879" \| "3210820" \| "3251260" \| "3561074").PN. OR ("3890680").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/28 16:03 |
| S20 | 6 | (("0433696") or ("6412153") or ("4376605") or ("4286642") or ("3561074") or ("3210820")).PN. | US-PGPUB; USPAT | OR | OFF | 2006/08/28 16:05 |
| S21 | 7 | (("0433696") or ("6412153") or ("4376605") or ("4286642") or ("3561074") or ("3210820") or ("2610879")).PN. | US-PGPUB; USPAT | OR | OFF | 2006/08/28 16:05 |
| S22 | 111 | ("0809351" \| "0936148" \| "1325577" \| "1555764" \| "2592130" \| "2895199" \| "2946612" \| "3416200" \| "3595506" \| "3890680" \| "3999583" \| "4074491" \| "4100368" \| "4286642" \| "5103538" \| "5412848" \| "5511432").PN. OR ("2610879" \| "3210820" \| "3561074" \| "4286642" \| "433696" \| "4376605" \| "6412153").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/28 16:05 |
| S23 | 23 | ("2937652" \| "3416200" \| "4136598" \| "4519175" \| "4601624" \| "4757661" \| "4757662" \| "4993127" \| "4999963").PN. OR ("5103538").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/28 16:17 |
| S24 | 290 | (411/372.5,372.6,377).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/08/28 16:18 |
| S25 | 8 | ("3147824").URPN. | USPAT | OR | OFF | 2006/08/28 16:40 |
| S26 | 22 | ("3426412" \| "4221028" \| "4502256" \| "4519175" \| "4624092" \| "4631887" \| "4651490" \| "4660347").PN. OR ("4757662"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/28 16:55 |

| S27 | 24 | ("2592130" \| "3595506" \| "3890680" \| "3999583" \| "4074491").PN. OR ("4286642"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/28 17:06 |
|-----|----|------|------|------|------|------|